STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

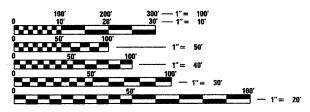
FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAP ROUTE 332 (IL. 1) SECTION D7 BEAM REPAIR 2008–2 LAWRENCE COUNTY C-97-035-08

2007 ADT = 4150

PROJECT LOCATION: SECTION: D7 BEAM REPAIR 2008-2 S.N. 051-0006 STA. 13 + 85



ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

TOWNSHIP: LAWRENCE

CONTRACT NO 74200

PROJECT ENGINEER: GARY WELTON PROJECT MANAGER: JENNIFER WENTHE

322 D7 BEAM REPAIR 2008-2 LAWRENCE 11 ILLINOIS CONTRACT NO. 74290

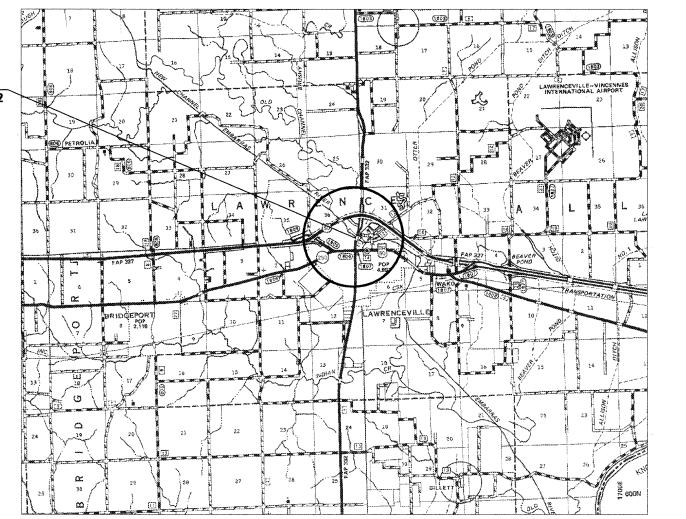
D-97-008-08



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Saturn Engineer of Design and Environment Christia M. Red (CO)
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTION
5-6	STAGE I CONSTRUCTION
7-8	STAGE II CONSTRUCTION
9-11	BRIDGE PLANS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 11:

STD. NO.	DESCRIPTION
000001 - 05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701001-01	OFF-RD OPERATIONS, 2L, 2W MORE THAN 15' AWAY
701006-02	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-01	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701321-09	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-02	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS >= 45 MPH
701901	TRAFFIC CONTROL DEVICES
704001-04	TEMPORARY CONCRETE BARRIER
780001-01	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THE WORK INCLUDED IN THIS SECTION CONSISTS OF REHABILITATING STRUCTURE NUMBER 051-0006 OVER EMBARRAS RIVER ON IL 1. DECK BEAMS SHALL BE REPLACED TO MAINTAIN/IMPROVE THE LOAD CAPACITY.

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO THE CONSTRUCTION OR ORDERING OF MATERIAL. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION OR A CHANGE IN THE SCOPE OF THE WORK. THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING-LINE 4" CONSISTS OF 258 FEET OF YELLOW AND 2060 FEET OF WHITE.

BASE COURSE WIDENING SHALL INCLUDE ALL EXCAVATION FOR CONSTRUCTION OF THE WIDENING.
THE WIDENING SHALL, AT THE CONTRACTOR'S OPTION BE CONSTRUCTED OF EITHER PORTLAND
CEMENT CONCRETE 8" THICK, OR HOT-MIX ASPHALT, 10" THICK. THE WIDENING SHALL REMAIN IN
PLACE AT THE CONCLUSION OF THE JOB.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT PLANT OUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADOUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.

	SUMMARY OF QUANTITIES	TOTAL	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT	QUANTITIES	SFTY-2A
35650700	BASE COURSE WIDENING	SQ YD	177	177
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	23	23
44001005	HOT-MIX ASPHALT SURFACE REMOVAL	SQ YD	30,2	30.2
50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	1354	1354
50900905	REMOVING AND RE-ERECTING EXISTING RAILING	FOOT	378	378
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	181	181
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	529	529
67100100	MOBILIZATION	L SUM	1	1
70100405	TRAFFIC CONTROL AND PROTECTION. STANDARD 701321	EACH	1	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1011	1011
70400100	TEMPORARY CONCRETE BARRIER	FOOT	637.5	637.5
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	F00T	637.5	637.5
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2318	2318
78300100	PAVEMENT MARKING REMOVAL	SQ FT	430	430
X0320047	REMOVAL OF EXISTING PRECAST PRESTRESSED CONCRETE DECK BEAMS	SQ FT	1360	1360
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2

* SPECIALTY ITEMS

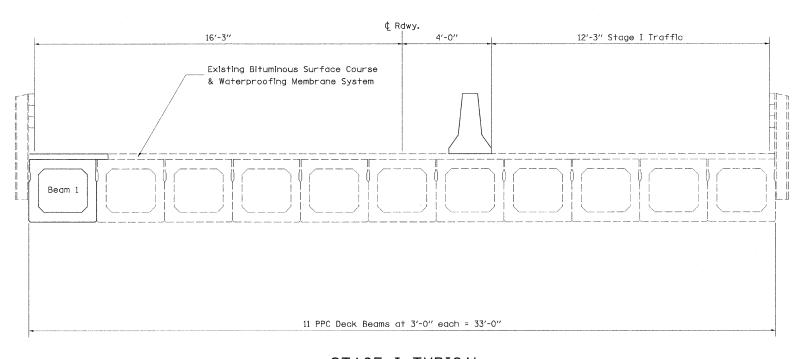
REVISED

REVISED -

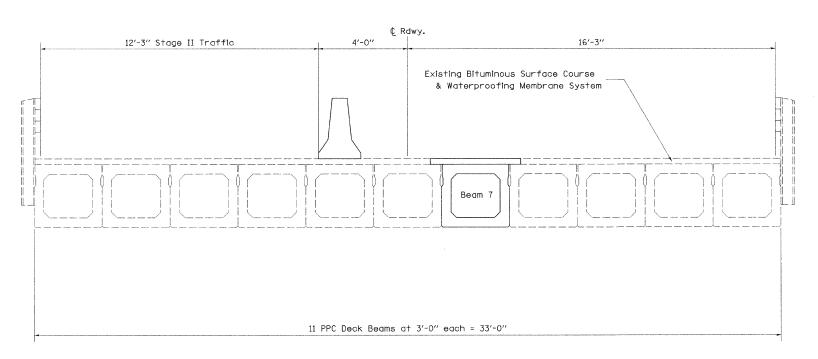
STATE OF ILLINOIS

SUMMARY OF QUANTITIES

| F.A.P | SECTION | COUNTY | SHE
| SHE | SECTION | COUNTY | SHE
| SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | SHE | S



STAGE I TYPICAL

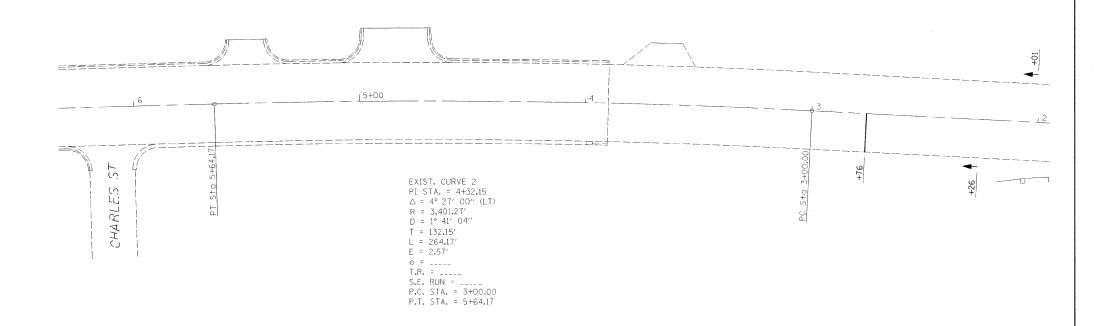


STAGE II TYPICAL

FILE NAME =	USER NAME = swartzrw	DESIGNED	· JDW	REVISED -									SECTION	COUNTY	TOTAL SHEE
c:\projects\74290d\shttypicals_74290.dgn		DRAWN	- JDW	REVISED -	STATE OF ILLINOIS			TYPIC/	AL CROSS	SECTION		332 D7 I	BEAM REPAIR 2008-2	LAWRENCE	E 11 4
	PLOT SCALE = 20.0000 '/ IN.	CHECKED	- RWS	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRAC	CT NO. 74290
	PLOT DATE = 2/5/2008	DATE	- 01-08	REVISED -		SCALE: N/A	SHEET NO.	. OF	SHEETS	STA.	TO STA.	FED. ROAD DIS	T. NO. ILLINOIS FED.	AID PROJECT	

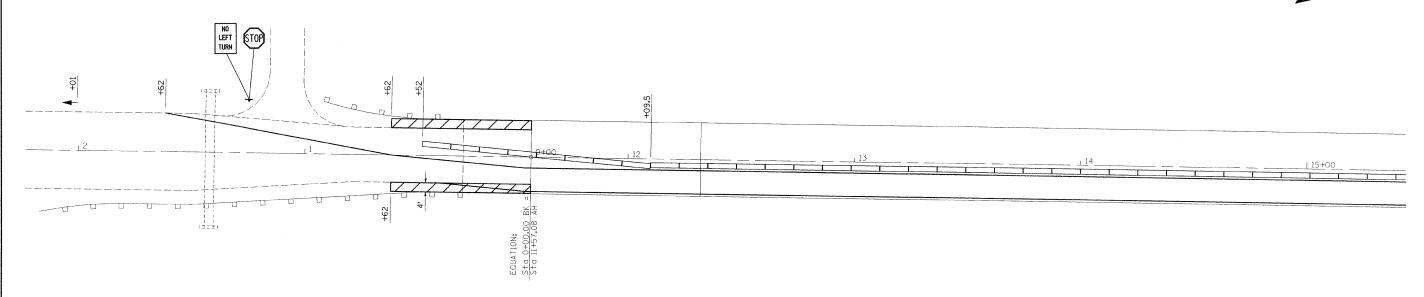
SUGGESTED SEQUENCE OF OPERATION

- 1. CONSTRUCT BASE COURSE WIDENING USING TRAFFIC CONTROL STANDARD 701326.
- 2. ERECT SIGNS, TRAFFIC SIGNALS, TEMPORARY BARRIERS, ECT. ACCORDING TO TRAFFIC CONTROL STANDARD 701321.
- 3. PLACE TEMPORARY PAVEMENT MARKING ACCORDING TO TRAFFIC CONTROL STANDARD 701321.
- 4. REMOVE THE EXISTING DECK BEAMS FOR STAGE I CONSTRUCTION.
- 5. PLACE NEW DECK BEAMS FOR STAGE I.



3 3 7 2

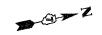
DOY Z

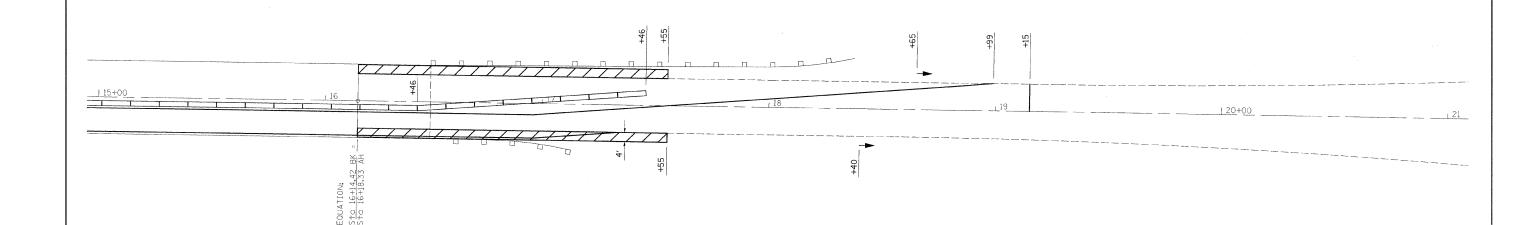




BASE COURSE WIDENING

FILE NAME =	USER NAME = swartzrw	DESIGNED - JDW	REVISED -									SEC	CTION	COUNTY	TOTAL SHEET SHEETS NO.
c:\projects\74290d\shtplan_74290.dgn		DRAWN - RWS	REVISED -	STATE OF ILLINOIS			STAG	SE I CONS	STRUCTION		332	D7 BEAM R	REPAIR 2008-2	LAWRENCE	£ 11 5
	PLOT SCALE = 20.00000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION										CONTRAC	CT NO. 74290
	PLOT DATE = 2/5/2008	DATE -	REVISED -		SCALE: 20	SHEET NO.	. OF	SHEETS	STA. 8+00	TO STA. 15+00	FED. RO	AD DIST. NO.	ILLINOIS FED, A	ID PROJECT	





BASE COURSE WIDNENING

RT 0+61.83 TO 0+00.00 27.5 SQ YD LT 0+61.83 TO 0+00.00 27.5 SQ YD RT 16+18.33 TO 17+55.16 60.8 SQ YD TOTAL = 176.6 SQ YD

TEMPORARY CONCRETE BARRIER

0+52 TO 17+46 637.5 FOOT TOTAL = 637.5 FOOT

PAVEMENT MARKING REMOVAL

1+85 TO 0+62 10.3 SQ FT 0+41 TO 17+34 204.7 SQ FT 17+55 TO 18+78 10.3 SQ FT TOTAL = 225.2 SQ FT

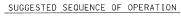
WORK ZONE PAVEMENT MARKING REMOVAL

1+62 TO 18+99 300.7 SQ FT 0+41 TO 17+34 204.7 SQ FT TOTAL = 505.3 SQ FT

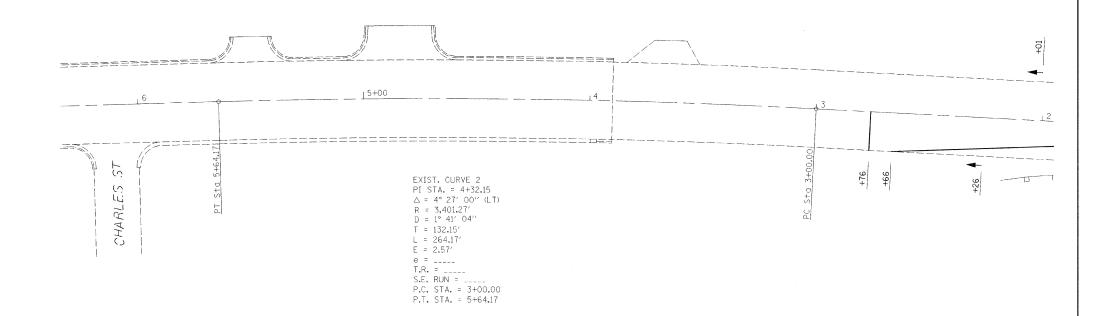
IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3

0+52 1.0 EACH 17+46 1.0 EACH TOTAL = 2.0 EACH

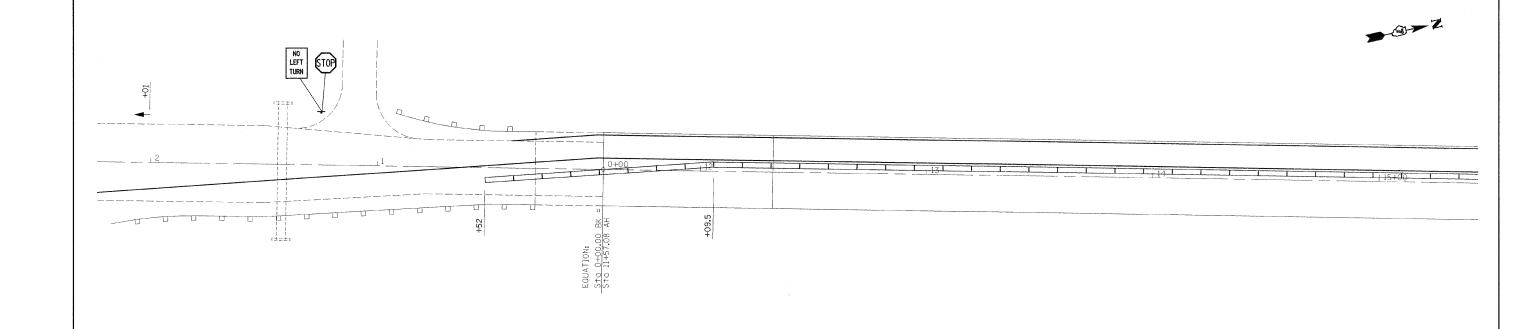
	FILE NAME =	USER NAME = swartzrw	DESIGNED - JDW	REVISED -			F.A.P SECTION	COUNTY	TOTAL	SHEET
	c:\projects\74290d\shtplan_74290.dgn		DRAWN - RWS	REVISED -	STATE OF ILLINOIS	STAGE I CONSTRUCTION	332 D7 BEAM REPAIR 2008-2	LAWRENCE	11	6
		PLOT SCALE = 20.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION			CONTRACT	f NO. 7	4290
- 1		PLOT DATE = 2/5/2008	DATE -	REVISED -		SCALE: 20 SHEET NO. OF SHEETS STA. 15+00 TO STA. 27+00	FED. ROAD DIST. NO. ILLINOIS FED.	AID PROJECT		



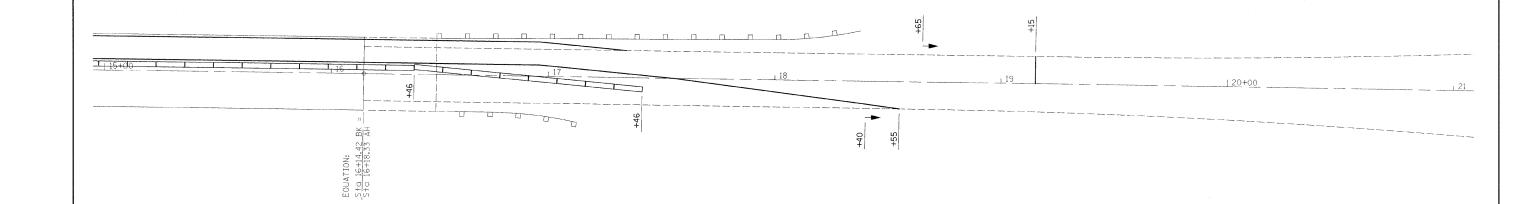
- ERECT SIGNS, TRAFFIC SIGNALS, TEMPORARY BARRIERS, ECT. ACCORDING TO TRAFFIC CONTROL STANDARD 701321.
- PLACE TEMPORARY PAVEMENT MARKING ACCORDING TO TRAFFIC CONTROL STANDARD 701321.
- REMOVE THE EXISTING DECK BEAMS FOR STAGE II CONSTRUCTION.
- 4. PLACE NEW DECK BEAMS FOR STAGE II.



BOYZ



FILE NAME =	USER NAME = swartzrw	DESIGNED - JDW	REVISED -						F.A.P RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.		
c:\projects\74290d\stage2_74290.dgn		DRAWN - RWS	REVISED -	STATE OF ILLINOIS	STAGE II CONSTRUCTION						332 D	7 BEAM REPAIR 2008-2	LAWRENCE	11 7
	PLOT SCALE = 20.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRACT	T NO. 74290
	PLOT DATE = 2/5/2008	DATE -	REVISED -		SCALE: 20	SHEET NO.	OF	SHEETS	STA. 8+00	TO STA. 15+00	FED. ROAD	DIST. NO. ILLINOIS FED. A	ID PROJECT	



RELOCATE TEMPORARY CONCRETE BARRIER

0+52 TO 17+46 637.5 FOOT TOTAL = 637.5 FOOT

IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3

0+52 1.0 EACH

WORK ZONE PAVEMENT MARKING REMOVAL

2+66 TO 18+55 O+41 TO 17+34 TOTAL = 300.7 SQ FT 204.7 SQ FT 505.4 SQ FT

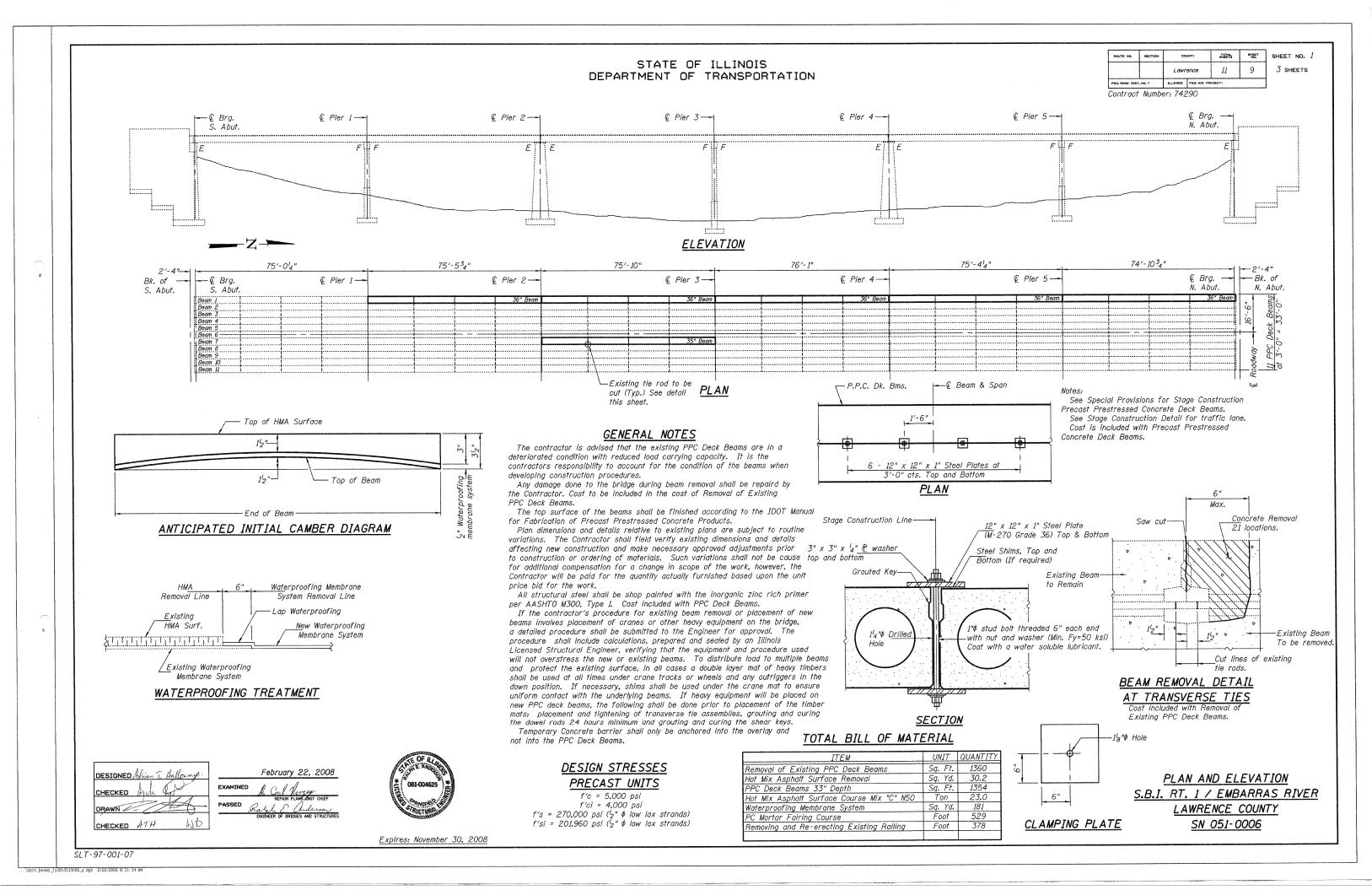
PAVEMENT MARKING REMOVAL

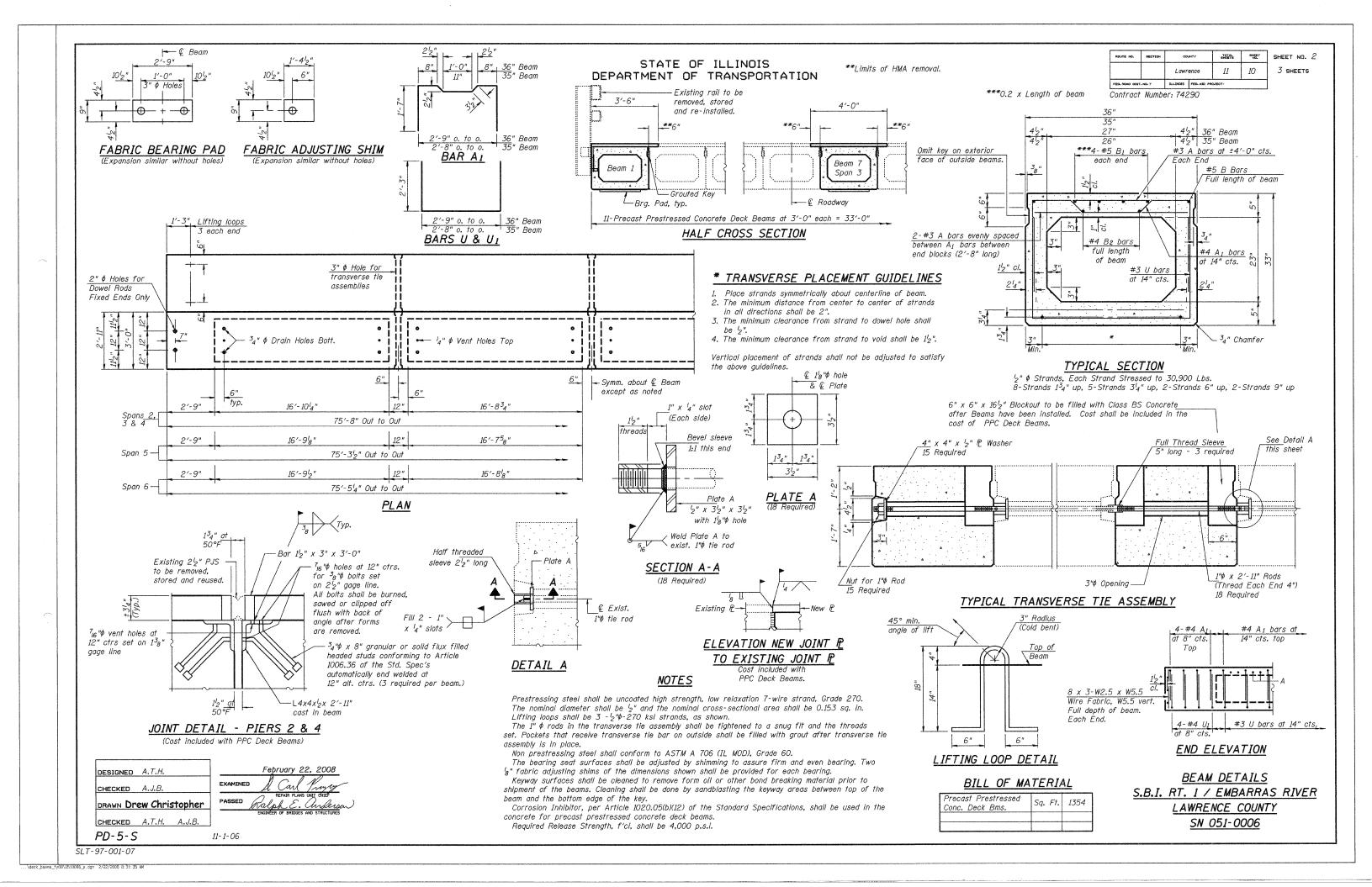
TOTAL =

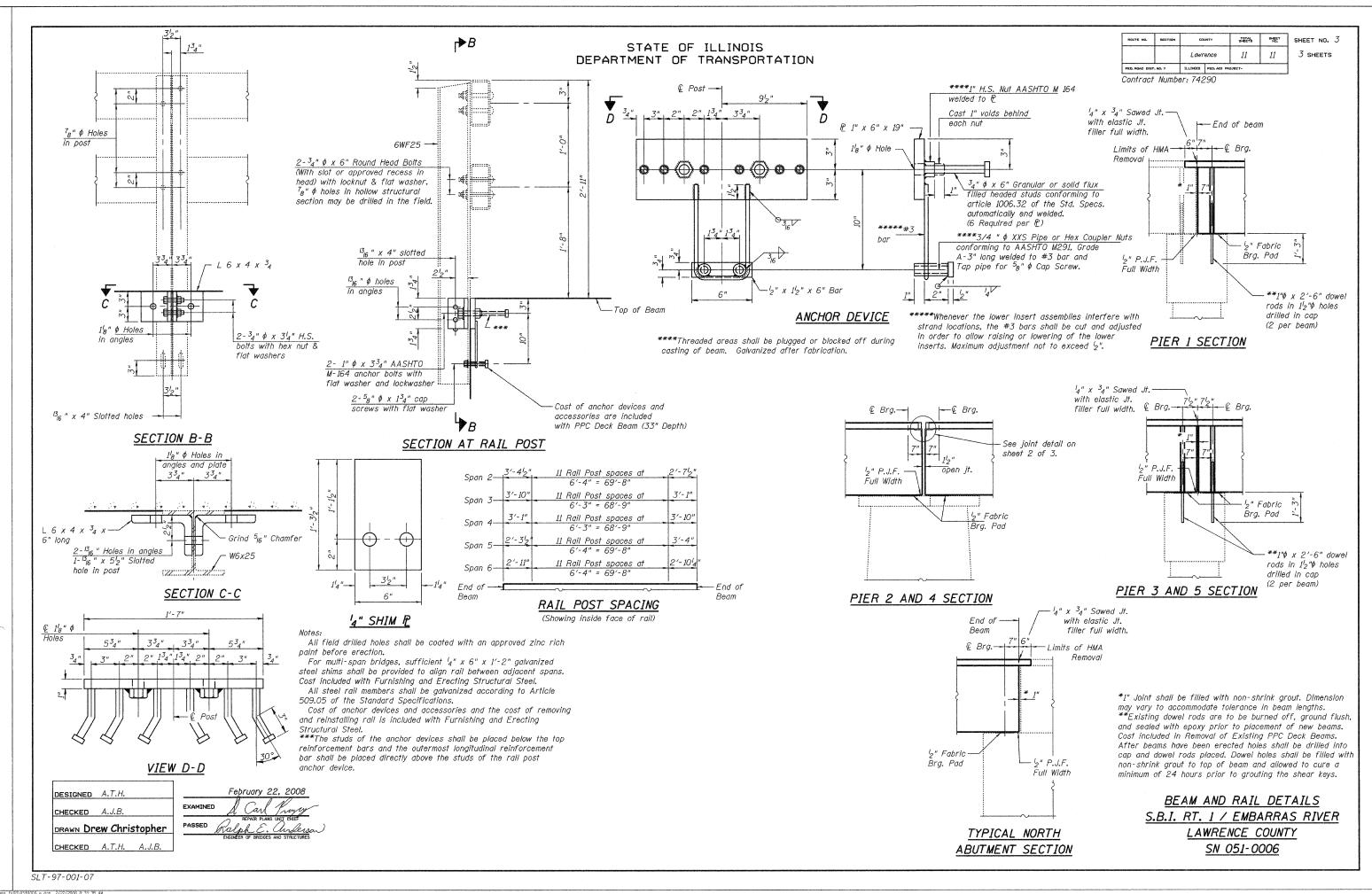
PAINT PAVEMENT MARKING - LINE 4"

621.0 F00T 1028.3 F00T 668.3 F00T 2317.5 F00T 2+76 TO 0+00 11+57 TO 16+14 16+18 TO 19+15 TOTAL =

FILE NAME =	USER NAME = swartzrw	DESIGNED - JDW	REVISED -			F.A.P RTE. SECTION	COUNTY TOTAL SHEET
c:\projects\7429Ød\stage2_7429Ø.dgn		DRAWN - RWS	REVISED -	STATE OF ILLINOIS	STAGE II CONSTRUCTION	332 D7 BEAM REPAIR 2008-2	LAWRENCE 11 8
	PLOT SCALE = 20.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION			CONTRACT NO. 74290
-	PLOT DATE = 2/5/2008	DATE -	REVISED -		SCALE: 20 SHEET NO. OF SHEETS STA. 15+00 TO STA. 27+00	FED. ROAD DIST. NO. ILLINOIS FED. AL	ID PROJECT







deck_beams_fy08\0510006_a.dgn 2/22/2008 8:31:35 Ak